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Subject: Bunker Hill - Weekly O&M Update (25 June)
Date: Tuesday, June 26, 2018 9:13:38 PM
Attachments: [image001.png](#)
[BHCTP Data \(6-19 to 6-25\).xls](#)

Rod,

The weekly Bunker Hill Central Treatment Plant (CTP) and Kellogg Tunnel (KT) data package is attached for your review.

CTP Operations:

- Reactor pH: The pH set point was increased to 8.50 on June 23 and was 8.40 for the remainder of the reporting period
- 006 Effluent Zinc (Average): 0.272 mg/L (n = 3, June 15 - June 20)
- 006 Effluent pH (Average): 6.83 s.u. (n = 3, June 15 - June 20)
- 006 Effluent Turbidity (Average): 0.71 NTU (n = 7, June 19 – June 25)
- Average Monthly Lime Usage (June): 4.28 tons per day
- Flocculant Dose: Flocculant dose remained at 2.4 ppm during this KT low flow period

Kellogg Tunnel:

- KT Flow: Currently estimated at 830 gpm at this time
- KT Zinc: 199 mg/L (n = 2, June 4, June 7)
- KT pH: 2.75 s.u. (Lab - n = 2, June 4, June 7)
2.70 s.u. (Field - n = 2, June 21, June 25)
- The mine pool pump was removed from service at 10:30 Friday June 22. KT flow remains at approximately 830 gpm at this time.

Lined Pond:

- Current Volume: 0.75 MG

Additional Items:

- Operators are scheduled to drain the 24"-line pond pipeline this week to prepare for tie-in
- The Lined Pond pump #1 is scheduled for delivery today, CTP operators will provide assistance to B&K by placing the pump and motor in the pump house Tuesday morning
- AMD Line Pigging and annual video inspections remain scheduled for July 9 - July 12

Thanks,

Spencer Thomas Archer, P.E., BCEE

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